

MIB 4.0

Your Italian Atelier of Smart Mechatronic Solutions



MAS 2-S

Multiaxial simulator for static and low fatigue testing

MAS 2-S is our innovative testing machine specifically designed for testing biomechanical specimens, medical implants and prostheses.

Some advantages:

- ✓ Two electric axes for tension-compression up to 10kN and torque 50Nm
- ✓ Optional third axis for flexion
- ✓ Axis control in position or force
- ✓ Direct drive motion for maximum accuracy and repeatability (without gearboxes or kinematics)
- ✓ Electric drive for greater accuracy and less maintenance
- ✓ Free of hydraulic components and consequent fluid losses
- ✓ No refrigeration system required
- ✓ 180° viewing angle thanks to the C-Frame
- ✓ Space-saving and easy to install

Areas of application

- Hip and knee prostheses
- Osteosynthesis systems
- Spinal systems, e.g. cages and spinal implants
- Material analysis and control

